Quantitation Report (QT Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA_G\DATA\BG011518\
Data File : BG032066.D
Acq On : 16 Jan 2018 12:58
Operator : SJ/JU
Sample : J1123-01MSD
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
B-4(20)MSD

Manual Integrations APPROVED
Sohil
1/16/2018 5:00:06 PM

Quant Time: Jan 16 17:01:56 2018
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG011218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jan 15 10:05:15 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.77	152	50270	20.00	ng		0.00
21) Naphthalene-d8	11.65	136	199278	20.00	ng		0.00
38) Acenaphthene-d10	15.40	164	134633	20.00	ng		0.00
63) Phenanthrene-d10	18.13	188	360115	20.00	ng		0.00
75) Chrysene-d12	22.47	240	420349	20.00	ng		0.00
86) Perylene-d12	26.18	264	457513	20.00	ng		-0.03
System Monitoring Compounds							
5) 2-Fluorophenol	6.19	112	423268	153.99	ng		0.00
7) Phenol-d6	7.88	99	528981	152.81	ng		0.00
23) Nitrobenzene-d5	9.96	82	308087	104.59	ng		0.00
41) 2,4,6-Tribromophenol	16.88	330	364497	163.61	ng		0.00
44) 2-Fluorobiphenyl	14.03	172	965089	88.88	ng		0.00
78) Terphenyl-d14	20.66	244	1663955	87.41	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.85	88	40739	38.580	ng	#	72
3) Pyridine	4.30	79	111488	39.554	ng	#	79
4) n-Nitrosodimethylamine	4.21	42	55715	56.265	ng	#	94
6) Aniline	8.06	93	72935	16.704	ng		95
8) 2-Chlorophenol	8.31	128	156537	50.895	ng		83
9) Benzaldehyde	7.87	77	22077	11.007	ng		86
10) Phenol	7.91	94	191111	56.044	ng		95
11) bis(2-Chloroethyl)ether	8.15	93	125449	45.919	ng	#	83
12) 1,3-Dichlorobenzene	8.65	146	175578m	43.618	ng		
13) 1,4-Dichlorobenzene	8.80	146	179954	44.399	ng		95
14) 1,2-Dichlorobenzene	9.14	146	174266	44.454	ng		96
15) Benzyl Alcohol	9.00	79	130380	51.846	ng		93
16) 2,2'-oxybis(1-Chloropropan	9.29	45	128028	46.113	ng		79
17) 2-Methylphenol	9.20	107	125946	48.329	ng		97
18) Hexachloroethane	9.89	117	59759	47.975	ng	#	86
19) n-Nitroso-di-n-propylamine	9.58	70	99319	46.242	ng	#	84
20) 3+4-Methylphenols	9.54	107	171674	47.552	ng		96
22) Acetophenone	9.61	105	226214	49.974	ng	#	88
24) Nitrobenzene	10.01	77	148813	50.649	ng	#	86
25) Isophorone	10.53	82	278974	50.864	ng	#	87
26) 2-Nitrophenol	10.73	139	92379	53.063	ng	#	82
27) 2,4-Dimethylphenol	10.77	122	158014	57.196	ng		93
28) bis(2-Chloroethoxy)methane	11.01	93	173739	52.576	ng	#	94
29) 2,4-Dichlorophenol	11.27	162	189663	55.793	ng		89
30) 1,2,4-Trichlorobenzene	11.50	180	206853	47.117	ng		97
31) Naphthalene	11.70	128	463321	46.934	ng		99
32) Benzoic acid	10.90	122	2787m	6.376	ng		
33) 4-Chloroaniline	11.79	127	74722	17.651	ng		95
34) Hexachlorobutadiene	11.97	225	147001	46.619	ng		97
35) Caprolactam	12.54	113	59150	57.355	ng	#	52
36) 4-Chloro-3-methylphenol	12.87	107	178356	57.321	ng	#	85
37) 2-Methylnaphthalene	13.26	142	380439	48.541	ng		94
39) 1,2,4,5-Tetrachlorobenzene	13.62	216	287466	48.983	ng	#	96
40) Hexachlorocyclopentadiene	13.59	237	328595	99.411	ng		91

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Quant Time: Jan 16 17:01:56 2018
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG011218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.84	196	182855	55.453	ng		99
43) 2,4,5-Trichlorophenol	13.92	196	201695	52.844	ng	#	90
45) 1,1'-Biphenyl	14.24	154	551019	47.741	ng		94
46) 2-Chloronaphthalene	14.29	162	420263	46.806	ng		95
47) 2-Nitroaniline	14.48	65	98813	57.487	ng	#	73
48) Acenaphthylene	15.13	152	628411	45.961	ng		99
49) Dimethylphthalate	14.83	163	811308	68.863	ng		98
50) 2,6-Dinitrotoluene	14.96	165	129959	53.144	ng	#	69
51) Acenaphthene	15.46	154	426899	47.218	ng		97
52) 3-Nitroaniline	15.29	138	59919	27.129	ng	#	74
53) 2,4-Dinitrophenol	15.49	184	50537	44.575	ng	#	84
54) Dibenzofuran	15.79	168	670598	49.722	ng		99
55) 4-Nitrophenol	15.57	139	193198	120.028	ng	#	81
56) 2,4-Dinitrotoluene	15.73	165	187104	56.830	ng	#	67
57) Fluorene	16.44	166	539068	48.734	ng		98
58) 2,3,4,6-Tetrachlorophenol	16.00	232	212465	60.174	ng	#	86
59) Diethylphthalate	16.17	149	564497	49.424	ng		96
60) 4-Chlorophenyl-phenylether	16.42	204	339049	49.967	ng		91
61) 4-Nitroaniline	16.44	138	108902	51.400	ng		90
62) Azobenzene	16.71	77	572351	80.062	ng		82
64) 4,6-Dinitro-2-methylphenol	16.49	198	98155	43.135	ng	#	66
65) n-Nitrosodiphenylamine	16.63	169	514925	47.122	ng		99
66) 4-Bromophenyl-phenylether	17.31	248	249691	48.732	ng		95
67) Hexachlorobenzene	17.43	284	249529	44.019	ng	#	91
68) Atrazine	17.55	200	243159	52.913	ng		96
69) Pentachlorophenol	17.77	266	345389	95.323	ng		99
70) Phenanthrene	18.17	178	934883	46.628	ng		99
71) Anthracene	18.27	178	957938	47.903	ng		99
72) Carbazole	18.52	167	833307	48.036	ng		99
73) Di-n-butylphthalate	19.03	149	949039	46.298	ng		100
74) Fluoranthene	20.13	202	1204839	47.995	ng		95
76) Benzidine	20.29	184	357276	33.990	ng		98
77) Pyrene	20.49	202	1221036	46.208	ng		97
79) Butylbenzylphthalate	21.35	149	437654	46.226	ng	#	78
80) Benzo(a)anthracene	22.45	228	1269080	48.546	ng		100
81) 3,3'-Dichlorobenzidine	22.34	252	231531	23.709	ng	#	96
82) Chrysene	22.53	228	1201591	47.861	ng		98
83) Bis(2-ethylhexyl)phthalate	22.29	149	619551	44.625	ng	#	97
84) Di-n-octyl phthalate	23.68	149	1079900	48.975	ng	#	88
85) Indeno(1,2,3-cd)pyrene	30.50	276	1535170	49.966	ng	#	88
87) Benzo(b)fluoranthene	24.99	252	1371147	49.582	ng	#	97
88) Benzo(k)fluoranthene	25.08	252	1313409	48.604	ng	#	96
89) Benzo(a)pyrene	26.02	252	1317351	50.358	ng	#	96
90) Dibenzo(a,h)anthracene	30.58	278	1253871	49.740	ng	#	95
91) Benzo(g,h,i)perylene	31.86	276	1311696	50.909	ng	#	92

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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